



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/803,463	03/18/2004	Franck Rolion	11349-20	5549

20583 7590 08/04/2005

JONES DAY
222 EAST 41ST ST
NEW YORK, NY 10017

EXAMINER

HAWKINS, CHERYL N

ART UNIT	PAPER NUMBER
----------	--------------

1734

DATE MAILED: 08/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/803,463

Applicant(s)

ROLION, FRANCK

Examiner

Cheryl N. Hawkins

Art Unit

1734

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4,6-9,11-17 and 20-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-4,6-9,11,16,17 and 20-22 is/are rejected.
- 7) ☒ Claim(s) 12-15 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4, 6, and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Stevens (US 5,714,035). As to Claim 1, Stevens discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, casing 1) configured for accommodating a film supply (Figure 2, supply and take-up spools 2 and 3); and an application member projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figure 2, members 9 and 10) movable relative to each other; and motion stops (Figures 5b and 5c, stop faces 21 and 22) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 1, slot 18 and Figure 5a, surface 19) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

Art Unit: 1734

As to Claim 2, Stevens discloses a hand-held device wherein the motion stops (Figures 5b and 5c, stop faces 21 and 22) include at least one pair of stops provided at an axial distance from each other.

As to Claim 3, Stevens discloses a hand-held device wherein the motion stops include at least one pair of stops (Figures 5b and 5b, stop faces 21 and 22) directed towards the peripheral direction and at a distance from each other perpendicular to the longitudinal axis.

As to Claim 4, Stevens discloses a hand-held device wherein the application member (Figure 2, members 9 and 10) has an upper side, a bottom side, and side surfaces; and at least one pair of stops (Figures 5b and 5c, stop faces 21 and 22) is provided at side surfaces of the application member.

As to Claim 6, Stevens discloses a hand-held device wherein the cross-sectional reduction is constituted by a gap (Figure 1, slot 18).

As to Claim 9, Stevens discloses a hand-held device wherein the application member has a remaining cross-section at a coaxial position relative to the cross-sectional reduction (Figures 5a-5c, tip supporting member 9, tip 10).

3. Claims 1-4, 17, 18, 21, and 22 are rejected under 35 U.S.C. 102(a) as being anticipated by Katsuaki (JP 2001-089011). As to Claim 1, Katsuaki discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, case portions 3a and 3b) configured for accommodating a film supply; and an application member (Figure 4, application member A) projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figure 2, applicator

Art Unit: 1734

portions 8 and 9) movable relative to each other; and motion stops (Figure 2, guiding portions 12) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 1, the intersection of applicator portions 8 and 9) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

As to Claim 2, Katsuaki discloses a hand-held device wherein the motion stops (Figure 2, guiding portions 12) include at least one pair of stops provided at an axial distance from each other.

As to Claim 3, Katsuaki discloses a hand-held device wherein the motion stops (Figure 2, guiding portions 12) include at least one pair of stops provided directed towards the peripheral direction and at a distance from each other perpendicular to the longitudinal axis.

As to Claim 4, Katsuaki discloses a hand-held device wherein the application member (Figure 2, application member A) has an upper side, a bottom side, and side surfaces; and at least one pair of stops (Figure 2, guiding portions 12) is provided at the side surfaces of the application member.

As to Claim 9, Katsuaki discloses a hand-held device wherein the application member (Figure 1, application member A) has a remaining cross-section (Figure 1, applicator portion 8) at a coaxial position relative to the cross-sectional reduction (Figure 1, the intersection of applicator portions 8 and 9).

As to Claim 22, Katsuaki discloses a hand-held device wherein the application member (Figure 4, applicator member A) is formed by an application gib; and the movable application

Art Unit: 1734

member portions (Figure 4, applicator portions 8 and 9) are resiliently bendable and torsional relative to each other.

4. Claims 1, 2, 4-6, and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Czech (US 5,303,759). As to Claim 1, Czech discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, housing 7) configured for accommodating a film supply; and an application member (Figure 1, applicator device 2) projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figures 2 and 3, mounting body 5, applicator body 6) movable relative to each other; and motion stops (Figures 3 and 6, bottom corner surfaces of mounting body 5) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 6, ball head 8 and projection 14) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

As to Claim 2, Czech discloses a hand-held device wherein the motion stops (Figures 3 and 6, bottom corner surfaces of mounting body 5) include at least one pair of stops provided at an axial distance from each other.

As to Claim 4, Czech discloses a hand-held device wherein the application member (Figure 1, applicator device 2) has an upper side, a bottom side, and side surfaces; and at least one pair of stops is provided at upper side of the application member.

Art Unit: 1734

As to Claim 6, Czech discloses a hand-held device wherein the cross-sectional reduction is constituted by a gap (Figure 6, space between ball head 8 and projection 14).

As to Claim 9, Czech discloses a hand-held device wherein the application member has a remaining cross-section at a coaxial position relative to the cross-sectional reduction (Figure 6, ball head 8, projection 14).

5. Claims 1-4, 9, 11, 16, 17, and 20-22 are rejected under 35 U.S.C. 102(b) as being anticipated by Fujii (JP 10-181289). As to Claim 1, Fujii discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, case C) configured for accommodating a film supply; and an application member (Figure 2, transfer head 3) projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figure 2, press section 10, arm section 11) movable relative to each other; and motion stops (Figure 3, side plates 9 and Figure 6, points 14a) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 2, intersection of sections 10 and 11 at the elastic pressing means 13) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

As to Claim 2, Fujii discloses a hand-held device wherein the motion stops (Figure 3, side plates 9 and Figure 6, points 14a) include at least one pair of stops provided at an axial distance from each other.

Art Unit: 1734

As to Claim 3, Fujii discloses a hand-held device wherein the motion stops (Figure 3, side plates 9 and Figure 6, points 14a) include at least one pair of stops provided directed towards the peripheral direction and at a distance from each other perpendicular to the longitudinal axis.

As to Claim 4, Fujii discloses a hand-held device wherein the application member (Figures 1 and 2, transfer head 3) has an upper side, a bottom side, and side surfaces; and at least one pair of stops (Figures 1 and 2, side plates 9) is provided at the side surfaces of the application member.

As to Claim 9, Fujii discloses a hand-held device wherein the application member (Figure 2, transfer head 3) has a remaining cross-section (Figure 2, arm section 11) at a coaxial position relative to the cross-sectional reduction (Figure 2, intersection of sections 10 and 11 at the elastic pressing means 13).

As to Claim 11, Fujii discloses a hand-held device which further includes lateral webs (Figure 2, side plates 9 and points 14a) protruding upwards and/or downwards from both sides of the flat gibs.

As to Claim 16, Fujii discloses a hand-held device wherein the stops (Figure 3, side plates 9 and Figure 6, points 14a) are formed by lower borders of the lateral webs.

As to Claim 17, Fujii discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, case C) configured for accommodating a film supply; and an application member (Figure 2, transfer head 3) projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figure 2, press section 10, arm section 11) movable relative to each other; and motion

Art Unit: 1734

stops (Figure 3, side plates 9 and Figure 6, points 14a) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein the movable application member portions are formed by flat gibs placed one behind the other, further comprising lateral webs (Figure 2, side plates 9 and Figure 6, points 14a) protruding upwards and/or downwards from both sides of the flat gibs, and wherein a cross-sectional reduction (Figure 2, the tapering of side plates 9 and Figure 6, the tapering of arms leading to points 14a) is provided in the lateral webs.

As to Claim 20, Fujii discloses a hand-held device wherein the cross-sectional reduction (Figure 2, the tapering of side plates 9) also extends (Figure 1, the intersection of side plates 9 and press section 10) into a cross-sectional portion of the application member (Figure 3, transfer head 3).

As to Claim 21, Fujii discloses a hand-held device wherein the stops (Figure 3, side plates 9 and Figure 6, points 14a) are formed by the lower borders of the lateral webs.

As to Claim 22, Fujii discloses a hand-held device wherein the application member (Figure 1, transfer head 3) is formed by an application gib (Figure 1, press section 10); and the movable application member portions (Figure 1, press section 10 and arm section 11) are resiliently bendable and torsional relative to each other (Figure 2, elastic pressing means 13).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-4 and 6-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Stevens (US 5,714,035). As to Claim 1, Stevens discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, casing 1) configured for accommodating a film supply (Figure 2, supply and take-up spools 2 and 3); and an application member projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figure 2, members 9 and 10) movable relative to each other; and motion stops (Figures 5b and 5c, stop faces 21 and 22) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 1, slot 18 and Figure 5a, surface 19) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

As to Claim 2, Stevens discloses a hand-held device wherein the motion stops (Figures 5b and 5c, stop faces 21 and 22) include at least one pair of stops provided at an axial distance from each other.

As to Claim 3, Stevens discloses a hand-held device wherein the motion stops include at least one pair of stops (Figures 5b and 5b, stop faces 21 and 22) directed towards the peripheral direction and at a distance from each other perpendicular to the longitudinal axis.

As to Claim 4, Stevens discloses a hand-held device wherein the application member (Figure 2, members 9 and 10) has an upper side, a bottom side, and side surfaces; and at least one pair of stops (Figures 5b and 5c, stop faces 21 and 22) is provided at side surfaces of the application member.

As to Claim 6, Stevens discloses a hand-held device wherein the cross-sectional reduction is constituted by a gap (Figure 1, slot 18).

As to Claims 7 and 8, Stevens discloses a hand-held device wherein the gap has a small axial width (Figure 1, slot 18) to provide a complementary bearing surface for the two movable application member portions, but does not disclose the gap as having an axial width less than 1mm. It would have been obvious to one of ordinary skill in the art at the time of the invention to provide the apparatus of Stevens with a gap having a small axial width, i.e. 1 millimeter, to provide a complementary bearing surface for the two movable application member portions.

As to Claim 9, Stevens discloses a hand-held device wherein the application member has a remaining cross-section at a coaxial position relative to the cross-sectional reduction (Figures 5a-5c, tip supporting member 9, tip 10).

8. Claims 1, 2, 4, and 6-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Czech (US 5,303,759). As to Claim 1, Czech discloses a hand-held device for transferring a film onto a substrate, the hand-held device comprising a housing (Figure 1, housing 7) configured for

Art Unit: 1734

accommodating a film supply; and an application member (Figure 1, applicator device 2) projecting from the housing along a longitudinal axis; wherein the application member has at least two application member portions (Figures 2 and 3, mounting body 5, applicator body 6) movable relative to each other; and motion stops (Figures 3 and 6, bottom corner surfaces of mounting body 5) corresponding with each other are arranged at the movable application member portions, the stops bordering the relative movement between the movable application member portions, wherein a cross-sectional reduction (Figure 6, ball head 8 and projection 14) is provided between the movable application member portions, and wherein the movable application member portions are formed by flat gibs placed one behind the other.

As to Claim 2, Czech discloses a hand-held device wherein the motion stops (Figures 3 and 6, bottom corner surfaces of mounting body 5) include at least one pair of stops provided at an axial distance from each other.

As to Claim 4, Czech discloses a hand-held device wherein the application member (Figure 1, applicator device 2) has an upper side, a bottom side, and side surfaces; and at least one pair of stops is provided at upper side of the application member.

As to Claim 6, Czech discloses a hand-held device wherein the cross-sectional reduction is constituted by a gap (Figure 6, space between ball head 8 and projection 14).

As to Claims 7 and 8, Czech discloses a hand-held device wherein the gap has a small axial width (Figure 6, space between the ball head and projection 14) between the two members comprising the cross-sectional reduction, but does not disclose the gap as having an axial width less than 1mm. It would have been obvious to one of ordinary skill in the art at the time of the

Art Unit: 1734

invention to provide the apparatus of Czech with a gap having a small axial width, i.e. 1 millimeter, to separate the two members comprising the cross-sectional reduction.

As to Claim 9, Czech discloses a hand-held device wherein the application member has a remaining cross-section at a coaxial position relative to the cross-sectional reduction (Figure 6, ball head 8, projection 14).

Allowable Subject Matter

9. Claims 12-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

10. The following is a statement of reasons for the indication of allowable subject matter:

As to Claim 12, the prior art of record does not disclose or suggest any motivation for modifying the cross-sectional reduction provided between the movable application member portions of Fujii to also be provided in the lateral webs.

Response to Arguments

11. The indicated allowability of claims 10-16, 19, and 20 has been withdrawn in view of the revised rejections set forth above based the previously cited references of Stevens, Czech, and Katsuaki and the newly discovered reference of Fujii (JP 10-181289). Therefore, the applicant's arguments with respect to the allowability of claims 1-4, 6-9, 11, 16, 17, and 20-22 have been considered but are moot in view of the new grounds of rejection.

Art Unit: 1734

Conclusion


12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl N Hawkins whose telephone number is (571) 272-1229.

The examiner can normally be reached on 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher A Fiorilla can be reached on (517) 272-1187. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Cheryl N. Hawkins
July 27, 2005


CHRIS FIORILLA
SUPERVISORY PATENT EXAMINER
Au 1734